

University Capability Briefing

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**College of Engineering and
Center for Advanced Manufacturing and Lean Systems**

The University of Texas at San Antonio

UTSA Research Areas of Excellence

- **Cloud, Cyber, Computer & Analytics**
- **Advanced Materials**
- **Integrated Biomedicine**
- **Social and Educational Transformation**
- **Sustainable Communities & Critical Infrastructure**



University Centers & Institutes

- Bank of America **Child and Adolescent Policy Research** Institute (BACAPRI)
- Center for **Advanced Manufacturing & Lean Systems** (CAMLs)
- Center for **Archeological Research** (CAR)
- Center for **Cultural Sustainability** (CCS)
- Center for Education and Research in **Information and Infrastructure Security**
- Center for **Infrastructure Assurance and Security** (CIAS)
- Center for **Innovation and Drug Discovery** (CIDD)
- Center for **Research and Policy in Education** (CRPE)
- Center for **Research and Training in the Sciences** (CRTS)
- Center for **Urban and Regional Planning Research** (CURPR)

University Centers & Institutes

- Center for **Water Research** (CWR)
- Institute for **Cyber Security** (ICS)
- Institute for **Demographic and Socioeconomic Research** (IDSR)
- Institute for **Health Disparities Research** (IHDR)
- **Open Cloud** Institute (OCI)
- San Antonio **Cellular Therapeutics** Institute (SACTI)
- Simulation **Visualization and Real Time Prediction** (SiViRT)
- South Texas Center for **Emerging Infectious Diseases** (STCEID)
- Texas **Sustainable Energy Research** Institute (TSERI)
- UTSA **Neurosciences** Institute (NI)
- **Water** Institute of Texas (WIT)



OVERVIEW



Seguin
Economic
Development
Corporation



ALAMO
COLLEGES

Dare to Dream. Prepare to Lead.™



Department of Commerce (DoC)

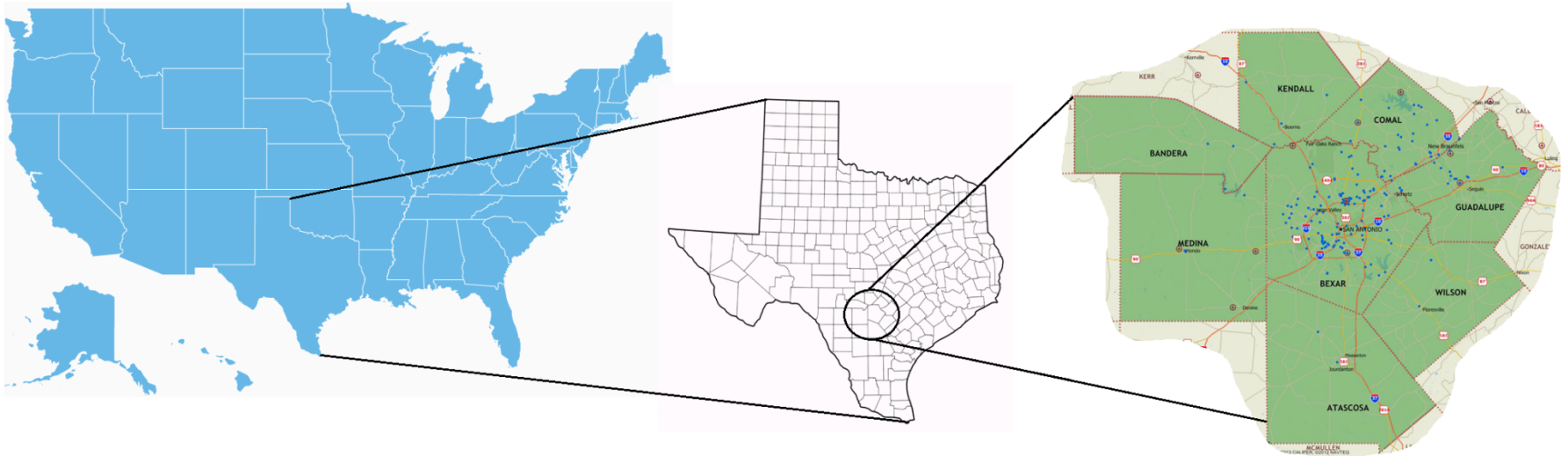
“Investing in Manufacturing Communities Partnership” (IMCP) Program

What it means:

Designation of the 8-county Alamo Manufacturing Partnership (AMP) consortium as an IMCP community is designed to accelerate our region's ability to compete within a key manufacturing industry sector through the availability of federal assistance.

“An IMCP designation is an important signal to potential investors that these communities are a good place to spend their money, and this is smart government at work.” (Department of Commerce Secretary, Penny Pritzker, 7/8/15)

IMCP communities were chosen based on the strength of their economic development plans, the potential for impact in their communities, and the depths of their partnerships across the public and private sectors to carry out their plans.



The AMP consortium covers 8 counties: Atascosa, Bandera, Bexar, Comal, Guadalupe, Kendall, Medina, and Wilson.

Federal Agencies Participating in IMCP Program

The selected IMCP communities will receive preferential treatment from 11 participating federal agencies for subsequent grant competitions for a minimum of 2 years and is renewable.

1. Environmental Protection Agency
2. National Science Foundation
3. Small Business Administration
4. U.S. Department of Agriculture
5. U.S. Department of Commerce
6. U.S. Department of Defense
7. U.S. Department of Housing and Urban Development
8. U.S. Department of Labor
9. U.S. Department of Transportation
10. Appalachian Regional Commission (*N/A for AMP*)
11. Delta Regional Authority (*N/A for AMP*)

Department of Commerce (DoC)

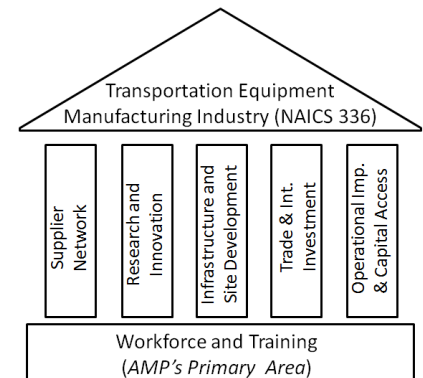
“Investing in Manufacturing Communities Partnership” (IMCP) Program

What it is:

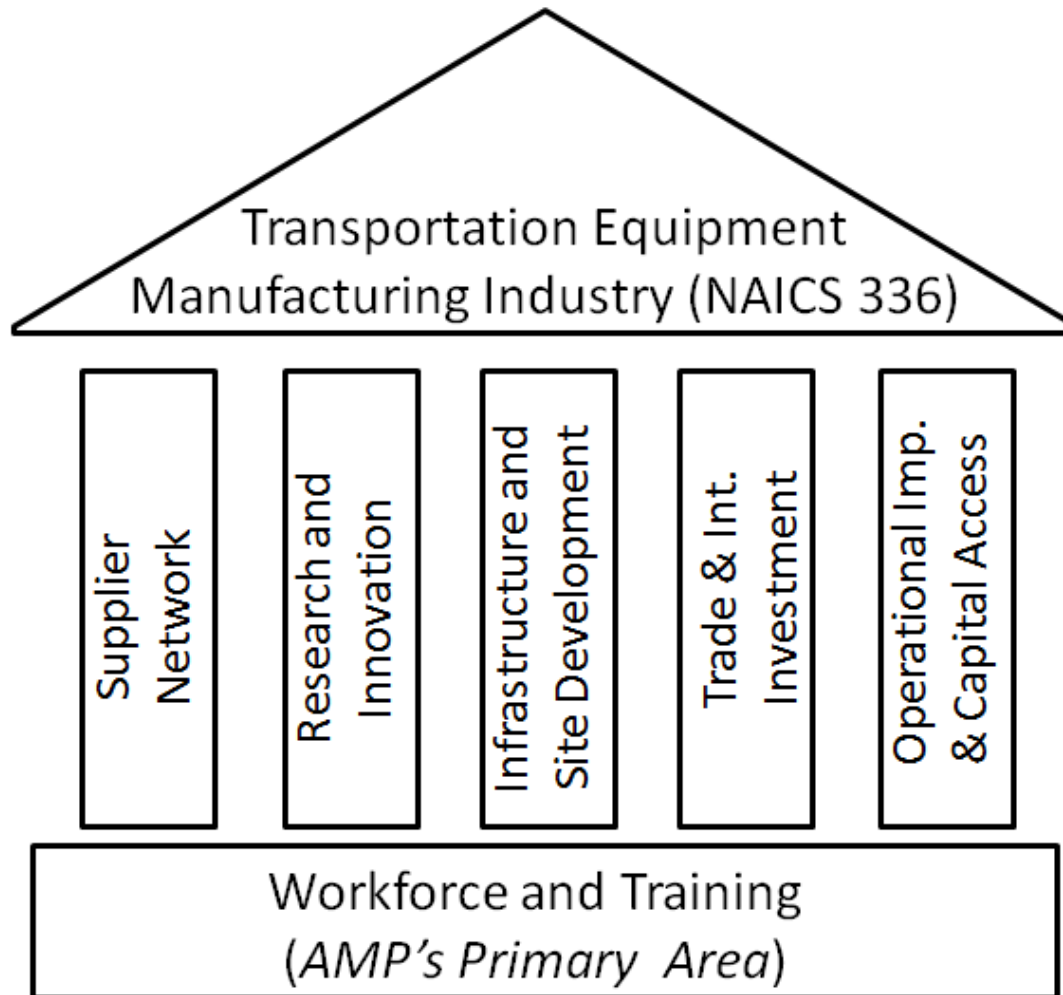
The IMCP project is intended to help communities that have demonstrated best practices within a specific manufacturing sector to further cultivate an environment to create well-paying manufacturing jobs and industry growth through targeted public and private investments across a community’s industrial ecosystem.

The IMCP project has focused on six key ecosystem elements for investment:

- Workforce & training;
- Supplier network;
- Research & innovation;
- Infrastructure/site development or redevelopment;
- Trade & international investment; and
- Operational improvement & capital access.



The House of AMP



Department of Commerce (DoC)

“Investing in Manufacturing Communities Partnership” (IMCP) Program

The Targeted Industry Sector:

As required by the IMCP Program requirements, a specific manufacturing industry sector was targeted for IMCP focus. The Transportation Equipment Manufacturing sector (**NAICS Code 336**) has demonstrated significant regional growth, placing the Alamo Region in the top third of the country for employment within this manufacturing category.

This industrial sector includes Aerospace, Motor Vehicles, and Heavy/Industrial Vehicle manufacturers, plus related parts and equipment suppliers and represents a significant number of Alamo region companies, both large and small.

Major regional manufacturers include Lockheed-Martin, Boeing, Toyota, Caterpillar, Continental, and Kalmar RT plus numerous other OEMs and suppliers for virtually all OEM motor vehicle manufacturers.

The AMP Governance Model

The AMP Governance Model:

The AMP Consortium will consist of an Executive Board and an Community & Industry Advisory Board.

Executive Board Members:

Alamo Area MPO	Alamo Colleges	Bexar County EDD
CAMLS (UTSA)	City of SA EDD	City of Seguin EDC
IED (UTSA)*	San Antonio EDF	SAMA*
SwRI	TMAC	WSA

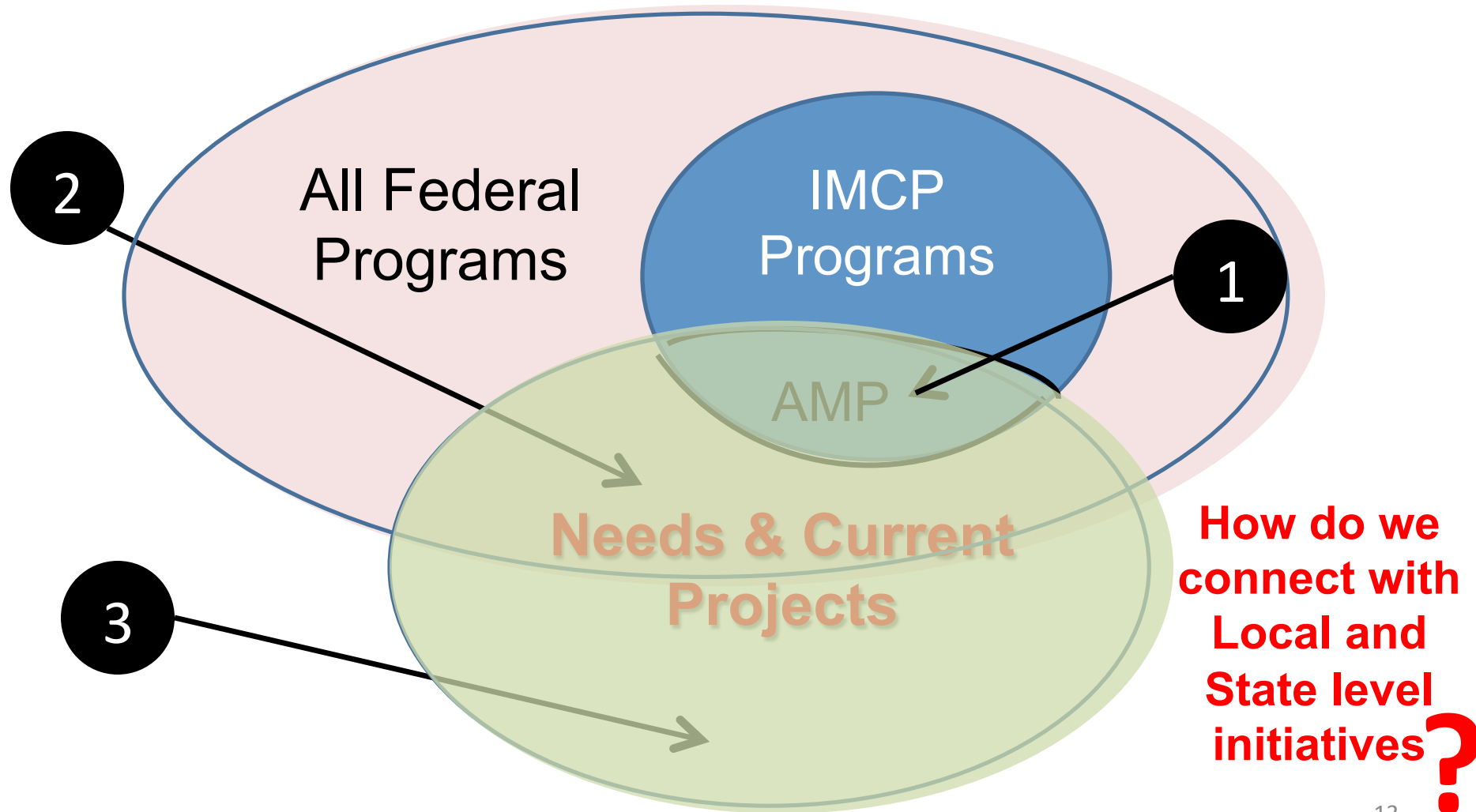
*Joint AMP administrator organizations

Community & Industry Advisory Board Members (*initial*):

Avanzar	HoltCat	Caterpillar	ITM
Lockheed Martin	Port San Antonio	SA Chamber of Commerce	
SA2020	Schertz EDC	Toyota	

Strategic Directions

Pursuing Funding & Other Opportunities



For More Information...

For more information on the IMCP award, please visit:

<http://www.eda.gov/challenges/imcp/index.htm>

The Alamo Manufacturing Partnership (AMP) Summary Outline is located here:

<http://www.eda.gov/challenges/imcp/files/2nd-round/IMCP-2-Page-Handout-Alamo.pdf>

IMCP Communities Website:

<http://www.manufacturingcommunities.org>

AMP Consortium Points of Contact

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